

CLAIMS

1. A wireless terminal comprising a ground conductor and a transceiver coupled to an antenna feed, wherein the antenna feed is coupled
5 to the ground conductor.

2. A terminal as claimed in claim 1, characterised in that the antenna feed is coupled to the ground conductor via a capacitor.

10 3. A terminal as claimed in claim 2, characterised in that the capacitor is a parallel plate capacitor formed by a conducting plate and a portion of the ground conductor.

15 4. A terminal as claimed in claim 1, characterised in that the antenna feed is coupled to the ground conductor by capacitance between an inductive element and the ground conductor.

20 5. A terminal as claimed in any one of claims 1 to 4, characterised in that a slot is provided in the ground conductor.

6. A terminal as claimed in claim 5, characterised in that the slot is parallel to the major axis of the terminal.

25 7. A terminal as claimed in any one of claims 1 to 6, characterised in that the ground conductor is a handset case.

8. A terminal as claimed in any one of claims 1 to 6, characterised in that the ground conductor is a printed circuit board ground plane.

30 9. A terminal as claimed in any one of claims 1 to 8, characterised in that a matching network is provided between the transceiver and the antenna feed.

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10. A wireless terminal substantially as hereinbefore described with reference to and as shown in the accompanying drawings.

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